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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 09/666,280

Filing Date September 21, 2000

First Named Inventor Kyoung Ro Yoon

Art Unit 2155

Examiner Name Oanh L. Duong

Attorney Docket Number 24286/81251

(Use as many sheets as necessary)

Sheet 1 of 2 Attorney Docket Number

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f troom)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/OD/		us- 2006/0015580	01-19-2006	Gabriel et al.	
ı	$\top$	us- 2005/0120390	06-02-2005	Nonoyama	·
$\neg$	1	us- 2004/0177370	09-09-2004	Dudkiewicz	
		us- 2003/0078986	04-24-2003	Ayres et al.	
		us- 2003/0051256	03-13-2003	Uesaki et al.	
		us-2002/0199188	12-26-2002	Sie et al.	
		US- 6,947,935	09-20-2005	Horvitz et al.	
		us- 6,446,261	09-03-2005	Rosser	· · · · · · · · · · · · · · · · · · ·
	1	US- 6,236,395	05-22-2001	Sezan et al. *	
1,	1	us- 5,945,988	08-31-1999	Williams et al.	
lack A		us- 6,012,051	01-04-2000	Sammon et al.	
70D/		us- 6,279,007	08-21-2001	Uppala	
		US-			
:	1	US-			
		US-		•	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	Publication Oate MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	<b>T</b> 0
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Signature :

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Art Unit	2155	<del></del>	
Examiner Name	Oanh L. Duong		
Attorney Docket Number	24286/81251		

		NON PATENT LITERATURE DOCUMENTS				
Examiner Cite No.¹						
		European Search Report for European Application No. 04030886.8 dated September 19, 1996.				
	<i>'</i>	Custom URL - HTTP://WWW.IRT.DE/CUSTOM/CTV_DEL_01.PDF, "CustomTv Deliverable 1 - CustomTv Service and System Requirements," ACTS PROJECT AC360, December 8, 1998, pages 1-42.				
		Sanguantrakul et al., "A User Customized Selection and Categorization for Broadcast Data," Parallel Processing 1999 Proceedings, 1999 International Workshops on Aizu-Wakamatsu, Japan, Los Alamitos, CA, USA IEEE, Septmeber 21, 1999, pages 596-601.				
$\sqrt{}$	Tsutomu Terada, "Study on Active Databases for Broadcasting Data," Master Thesis, [Online], February 16, 1999, pages 1-51.					
/OD/		Canadian Office Action for Canadian Application No. 2,320,506 dated September 18, 2006.				

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Application Number 09/666,280

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First Named Inventor Kyoung Ro Yoon

Art Unit 2155

Examiner Name Oanh L. Duong

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Sheet 1 of 2 Attorney Docket Number 24286/81251

	T =		U. S. PATENT		
Examiner initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f treen)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
70'07		us- 5,063,522	11-05-1991	Winters	
		us-5,167,011	11-24-1992	Priest	
		us- 5,239,617	08-24-1993	Gardner et al.	
		us- 5,448,727	09-05-1995	Annevelink	
		us- 5,483,637	01-09-1996	Winokur et al.	
		us- 5,506,984	04-09-1996	Miller	
<b>\</b> /		us- 5,687,290	11-11-1997	Lewis	
W		us-5,712,960	01-27-1998	Chiopris et al.	,
1001		us-5,724,508	03-03-1998	Harple, Jr. et al.	Ł
		US-			,
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Foreign patent documents					
Cite	Foreign Patent Document	Publication Date	Name of Patentae or	Pages, Columns, Lines,	
NO.	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (If known)	MM-DD-AAAA	Applicant of Cited Document	Where Relevant Pessages or Relevant Figures Appear	۳
	WO 98/35297	08-13-1998	Personalogic, Inc.		Γ
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	No.	Cite Foreign Patent Document	Cite Foreign Patent Document Publication Date MM-DD-YYYY  Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (il known)	Cite No. 1 Foreign Patent Document Publication Date Name of Patentse or Applicant of Cited Document Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	Cite No. 1  Country Code <sup>3</sup> "Number" "Kind Code <sup>5</sup> (if known)  Publication Date MM-DD-YYYY  Name of Patentse or Applicant of Cited Document Where Relevant Passages or Relevant Figures Appear

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PTO/SB/085 (09-08)

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Attorney Docket Number

Substitute for form 14498/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete If Known Application Number 09/666.280 Filing Date September 21, 2000 First Named Inventor **Kyoung Ro Yoon** Art Unit 2155 **Examiner Name** Oanh L. Duong

24286/81251

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